

Table B-3. Reference Summary Table for Radioactive Wastewater Retention Tanks

Task	Driver
1. Proposed or Planning Stage	
<input type="checkbox"/> NEPA Documents	DOE regulations and federal law
<input type="checkbox"/> Waste Minimization	DOE requirement and federal regulations
2. Design (See Appendix D for more details.)	
<input type="checkbox"/> Material Compatibility	DOE Order 5400.5, Chapter I, 5; and DOE Order 5820.2A, Chapter III, 3e (5) (f). ²³
<input type="checkbox"/> Secondary Containment	BMP to show compliance with DOE Orders 5400.5 ¹⁴ and 5820.2A. ²³
<input type="checkbox"/> Overfill and Spill Controls	BMP to show compliance with DOE Orders 5400.5 ¹⁴ and 5820.2A. ²³
<input type="checkbox"/> Continuous Leak Monitoring	BMP to show compliance with DOE Orders 5400.5 ¹⁴ and 5820.2A. ²³
<input type="checkbox"/> Seismic Analysis	BMP to show compliance with DOE Orders 5400.5 ¹⁴ and 5820.2A. ²³
3. Construction (See Appendix D for more details.)	
<input type="checkbox"/> Installation Certification	BMP
<input type="checkbox"/> Corrosion Protection Certification	BMP
<input type="checkbox"/> Leak Testing	BMP
<input type="checkbox"/> Engineering Assessment	BMP
<input type="checkbox"/> Labeling	BMP
4. Operation and Maintenance (See Appendix F for Inspection Frequencies and Appendix G for Sample Maintenance Log.)	
<input type="checkbox"/> Operations Plan	DOE Order 5820.2A, Chapter III, 3h (3) (d). ²³
<input type="checkbox"/> Monitoring Plan	DOE Order 5820.2A, Chapter III, 3h (3) (d). ²³
<input type="checkbox"/> Operator Training	BMP
<input type="checkbox"/> Daily Inspections or Other Monitoring	BMP
<input type="checkbox"/> Recordkeeping (including Maintenance Logs)	BMP to show compliance with DOE Orders 5400.5 ¹⁴ and 5820.2A. ²³
<input type="checkbox"/> Removal of Rainwater from Secondary Containment	BMP to show compliance with DOE Orders 5400.5 ¹⁴ and 5820.2A. ²³
5. Closure (See Appendix I for more details.)	
<input type="checkbox"/> Closure Plan	BMP to document compliance with DOE Order 5820.2A, Chapter V, 3c and 3d. ²³
<input type="checkbox"/> Closure Report	BMP to document compliance with DOE Order 5400.5, Chapter IV. ¹⁴
6. Reporting (Documents sent to DOE.)	
<input type="checkbox"/> Use Change	LLNL internal policy
<input type="checkbox"/> Release/Leak into Environment	DOE Order and Occurrence Reporting Requirement
<input type="checkbox"/> Proposed Installation	LLNL internal policy
<input type="checkbox"/> Monitoring Plans	LLNL internal policy
<input type="checkbox"/> Proposed Closure	LLNL internal policy
<input type="checkbox"/> Completion of Closure	LLNL internal policy

Notes: BMP = Best management practices
DOE = U.S. Department of Energy
NEPA = National Environmental Policy Act